What is claimed is:

1. A contact unit according to the present invention electrically connects two connection objects using a connecting device housed in a hole portion formed in at least one face of an insulating member,

wherein said connecting device comprises: a contact which is pressed to be in contact with a connection terminal of at least one of said two connection objects, to be electrically connected to the one connection object; a conductive member provided on an internal circumference surface of said hole portion to electrically connect between said contact and the other connection object; and a resilient member which urges said contact outwards to protrude it partially from said hole portion and is deformed due to the urging of said contact.

2. A contact unit according to claim 1,

wherein said hole portion is a through hole which is formed so as to pass through said insulating member.

3. A contact unit according to claim 2,

wherein said connecting device is a resilient member arranged inside said through hole, which urges a pair of contacts positioned on opposite ends thereof outwards to protrude them partially from both ends of said through hole.

4. A contact unit according to claim 1,

wherein said hole portion is formed in plural numbers corresponding to a plurality of connection terminals or contact electrodes provided on at least one of said two connection objects, and houses each of said connecting devices.

5. A contact unit according to claim 4,

wherein said connecting devices are provided in plural numbers on at least one face of a multi-layer wiring board, and a conductive member provided in a hole portion of each of said plurality of connecting devices, and connection terminals or contact electrodes of electrically corresponding connection objects, or a conductive member of another hole portion provided independently at a remote location are connected by wiring path formed on each layer of said multi-layer wiring board.

6. A contact unit according to claim 1,

wherein said connecting device is provided with retaining members which retain the contact housed in said hole portion, at open ends of said hole portion.

7. A contact unit according to claim 1,

wherein said contact is formed with a cavity for receiving the connection terminal of said connection object, in an end face thereof at which said contact is in contact with said connection terminal, and at least one projection is provided on a rim of said cavity.

8. A contact unit according to claim 7,

wherein an inside surface of said cavity is formed as an inclined surface inclined inwards from a rim thereof.

9. A contact unit according to claim 8,

wherein said rim is formed with a guide surface whose slope is shallower than said inclined surface inclined inwards from said rim.

10. A socket for electrical parts comprising: a mounting portion for detachably mounting an electrical part provided with a plurality of connection terminals arranged on one face thereof; and a contact unit that electrically connects the connection terminals of said electrical part mounted on said mounting portion and contact electrodes of a circuit board facing said electrical part, using a connecting device housed in a hole portion formed in at least one face of an insulating member,

wherein said connecting device comprises: a contact which is pressed to be in contact with at least the connection terminal of said electrical part to be electrically connected to said electrical part; a conductive member provided on an internal circumference surface of said hole portion to electrically connect between said contact and said circuit board; and a resilient member which urges said contact outwards to protrude it partially from said hole portion and is deformed due to the urging of the contact.

11. A socket for electrical parts according to claim 10,

wherein said contact is formed with a cavity for receiving the connection terminal of said connection object, in an end face thereof at which said contact is in contact with said connection terminal, and at least one projection is provided on a rim of said cavity.

12. A socket for electrical parts according to claim 11,
wherein an inside surface of said cavity is formed as an inclined surface inclined inwards from a rim thereof.

13. A socket for electrical parts according to claim 12,
wherein said rim is formed with a guide surface whose slope is shallower than said inclined surface inclined inwards from said rim.